

Name: _____ Date: _____

Quiz 2

1. You are an elementary or middle school teacher and are preparing a lesson of at the grade level and subject area of your choosing. Your tasks are as follows. (10 points total)
 - a. Select a grade level, subject area, topic, corresponding GLE(s), and the learning target for a lesson.
 - i. Grade level _____
 - ii. Subject area _____
 - iii. Topic:

 - iv. GLE(s) (*1 pt.*)

 - v. Extended Objective (Unit Goal) (*2 pts.*)
 - b. Create one good selected response (multiple choice, T/F) item that assesses progress toward the learning target (*4 pts.*)

 - c. Create one constructed response (short answer, essay) item that assesses progress toward the learning target (*4 pts.*)

2. The following represents an item analysis performed on the first item of a multiple-choice test. The table provides information about the item and the 5 choices (A-E) that the students had chosen as the correct answer. The correct choice (D) is indicated in parentheses. The numbers within the table are the percent of students who from each group (Upper quarter, lower quarter and all students) who selected the specific response. (10 pts.)

| Item # 1 | A | B | C | (D) | E |
|---------------------|----|----|----|-----|---|
| Upper $\frac{1}{4}$ | 5 | 46 | 12 | 34 | 3 |
| Lower $\frac{1}{4}$ | 14 | 20 | 19 | 39 | 8 |
| All Students | 11 | 33 | 14 | 36 | 6 |

Provide the following information:

- What is the item difficulty? (2 pts.)
- What is the item discrimination index? (4 pts.)
- What should be done with the item? How can it be improved? (4 pts.)